Work Orde				*76.9	196*						Page 1
Item ID: Revision ID: Item Name:	D3407-1 Stem			Accept	*N900	<u>040</u>	100)* s	Setup Sta	- IN	S1* S2*
Start Date: Required Date: Reference:	24/11/2011 08/12/2011	Start Qty: 20.00 Req'd Qty: 20.00	*20* *20*		Cust Item Customer:	ID:					
Approvals:		n: M.C.T	Date: 11 11 2 4			ate:		F	Run Sta Sto	!/	R1* R2*
Sequence ID/ Work Center II)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revi	ision Nbr									
D3407	Rev	E									
100 *100* Doosan Doosan Lathe 110 *110*		QC2- Inspect parts off m	er Folio FA596 Rev: & achine FAI/FAIB	0.00	•			11	Ø Ø		
QC Quality Control		Memo QC8- Inspect parts - seco	and check	0.00 HS12 0.00				,,	4		
QC Quality Control		Memo		0.00 al	11/2/06						

Dart Aerosp	ace	Ltd
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W/O:			W	ORK ORDER CHANG	GES	.				
DATE	STEP	PR	OCEDURE CH	ANGE	В	,	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	egory:	NCR: Y	′es N	lo DQ	A :	_ Date: _	
	Res	olution:	Disposition	on:	QA: N/	C Clo	sed:		Date:	
NCR:			WORK ORD	ER NON-CONFORM	IANCE (N	ICR)				
DATE	STEP	Description of NC	1		ction B	gn &	Verific		Approval	Approval
DAIL	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng		ate	Section	on C	Chief Eng	QC Inspector
						•				
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Work Ord				*769	996*							Page 2
Item ID: Revision ID: Item Name: Start Date: Required Date: Reference:	D3407-1 Stem 24/11/2011 : 08/12/2011	Start Qty: 20.00 Req'd Qty: 20.00	*20* *20*	Accept	*N900 Cust Item I Customer:		100) *	Setup	Start Stop	IV	S1* S2*
Approvals:	Process Pla	an:	Date:	Tooling: SPC (Y/N):		ate:		F	Run	Start Stop	!/	R1* R2*
Sequence ID/ Work Center II 130 *120* Packaging Packaging	D	Operation Description Identify as per dwg & Sto	ock Location: RCC-L.	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Rejo Qty		Reject Number	Insp. Stamp
140 *140* QC Quality Control		QC21- Final Inspection - Memo	Work Order Release	0.00						/	1/12	/7/

W/O:			WO	RK ORDER CHAN	GES				
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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			•						
Part No		PAR #:							
	Res	olution:						Date:	
NCR:		,	WORK ORDE	ER NON-CONFORM	MANCE (NO	R)			
DATE	STEP	Description of NC			ection B		cation	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sigr Da		tion C	Chief Eng	QC Inspector
_									

Picklist Print

November-24-11 2:45:30 PM

Work Order ID: 76996

76996

Parent Item:

D3407-1

D3407-1

Parent Item Name: Stem

Start Date: 24/11/2011

Required Date: 08/12/2011

Page 1

Start Qty: 20.00

Required Qty: 20.00

Comments:

IPP Rev:A05.10.18New issueKJ/EC

IPP Rev:B Now on Doosan 08-05-14 JLM Verified By:DD

IPP Rev:C 08-08-12 revE as per dwg (ecn 08-507) DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M174R0.750		Purchased	No			100	f	6.9940	0.360	7.705263		,18	
M174R0	750								**	27	11/	12/	12_

17-4 round bar .750

<u>Location</u>	Loc Qty	Loc Code
MAT030	6.994	
117683	0.465	
118483	0.359	
d19158	6.17	

INO MAT LERT

W/O:	<u> </u>		WC	RK ORDER CHANG	GES				
DATE	STEP	PRO	DCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		The Party Land Control of Control				,			
Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No DO	A:	Date: __ _	
	Re	solution:	Disposition):	_ QA: N/C	Closed: _		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)			
DATE	CTED	Description of NC			tion B	Verif	ication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Sec	tion C	Chief Eng	QC Inspector

DART AEROSPACE LTD	Work Order:	76996
Description: Tow Ring	Part Number:	D3407-1
Inspection Dwg: D3407 Rev: E		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

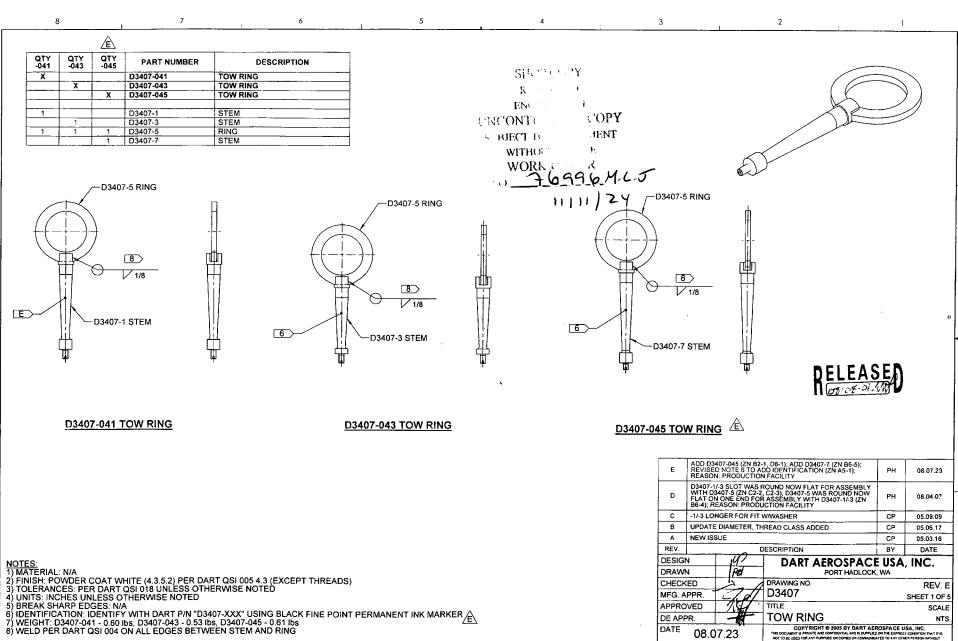
X First Article Prototype

			· ·					
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments		
0.063	+/-0.010	-060						
1/4-28 UNF	Max: 0.2668 Min: 0.2635	-2655						
Major Ø	Max: 0.249 Min: 0.2425	-246						
Ø0.625	+/-0.010	0.625						
Ø0.363	+/-0.010	0,263						
Ø0.750	+/-0.010	0,750		_		MITTO		
R0.100	+/-0.010	R.100				,		
0.470	+/-0.010	.470						
0.500	+/-0.010	100						
3.250	+/-0.010	3,200						
4.250	+0.000/-0.010	4.245			P	1		
5.270	+/-0.010	5.220			\	2 w 0A		
0.150	+/-0.010	-154						
0.550	+/-0.010	-554		_				
0.625	+/-0.010	.625						
0.250	+0.010/-0.000	260						
		7,						
				· · · · · ·				

Measured by:	7	Audited by:	onl	Prototype Approval:	N/A
Date:	11/12/2	Date:	1/12/06	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	06.09.19	New Issue	KJ/JLM	
В	07.07.18	Tolerances for diameters updated per Machinists	KJ/JLM	
C	08.05.14	Dimensions updated per Dwg Rev D	KJ/JLM 1.0	
D	08.10.07	Dimensions updated per Dwg Rev E	KJ/DD 🚓	13/

W/O:			W	ORK ORDER CHANG	BES					
DATE	STEP	PRO	OCEDURE CHA	NGE		By Date Qty			Approval Chief Eng /	Approval QC Inspector
-									Prod Mgr	
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Part No:		PAR #:	Fault Cate	gory:	_ NCF	: Yes	No DQ	A:		
	Re	esolution:	Dispositio	n:	QA: N/C Closed:					
NCR:		,	WORK ORD	ER NON-CONFORM	ANCE	(NCR)			
		Description of NC	Corrective Action Section			Ver		cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	QC Inspector
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08.07.23

DE APPR.

DATE

TOW RING

SCALE

NTS

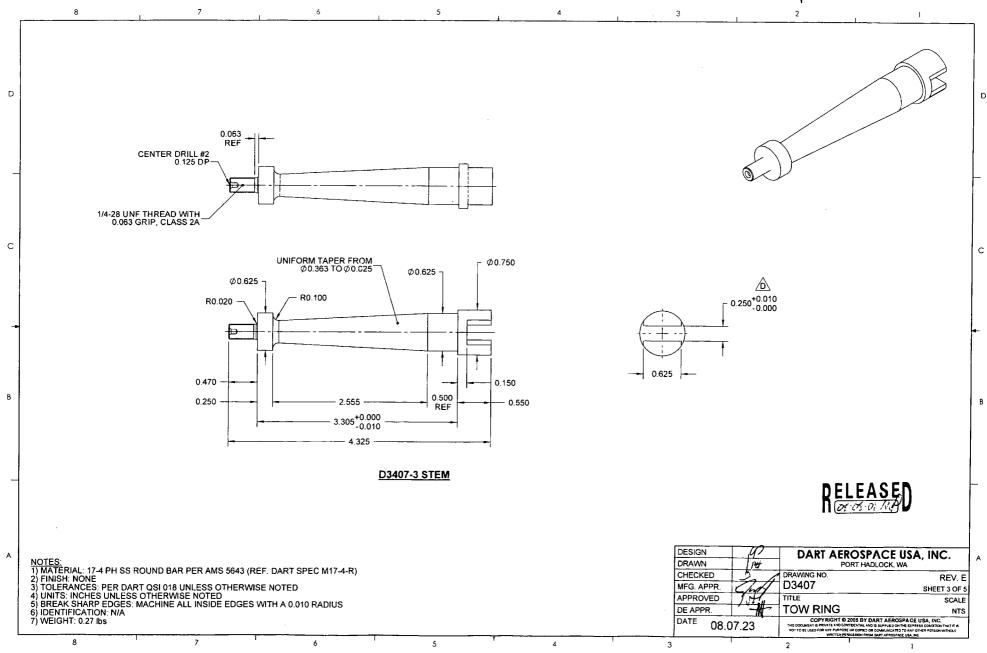
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W/O:			W	ORK ORDER CHANG	ES					
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Part No:		PAR #:	Fault Cat	egory:	_ NCR: Yes	NCR: Yes No DQA: Date:				
Resolution:			Dispositi	_ QA: N/C CI	Date: _					
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DATE	STEP	STEP Description of NC Section A		Corrective Action Section		cation		Approval		
DATE			Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Sect	ion °C	Chief Eng	QC Inspector	
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76996

D 0.063 REF CENTER DRILL #2 0.125 DP 1/4-28 UNF THREAD WITH 0.063 GRIP, CLASS 2A С UNIFORM TAPER FROM Ø0.363 TO Ø0.625 Ø0.625 Ø0.750 Ø0.625 R0.100 0.250+0.010 R0.020 0.150 0.500 0.470 0.500 3.250 0.550 0.625 REF 4.250^{+0.000}_{-0.010} 5.270 D3407-11STEM DESIGN DART AEROSPACE USA, INC. NOTES: 1) MATERIAL: 17-4 PH SS ROUND BAR PER AMS 5643 (REF. DART SPEC M17-4-R) DRAWN DRAWING NO. CHECKED 1) MATERIAL: 17-4 PH SS ROUND BAR PER AMS 3643 (REF. DART SPEC M17-4: 2) FINISH: NONE
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: MACHINE ALL INSIDE EDGES WITH A 0.010 RADIUS
6) IDENTIFICATION: N/A
7) WEIGHT: 0.33 lbs REV. E D3407 MFG. APPR. SHEET 2 OF 5 APPROVED TITLE SCALE **TOW RING** DE APPR. NT\$ COPY RIGHT © 2005 BY DART AEROSPACE USA, INC.

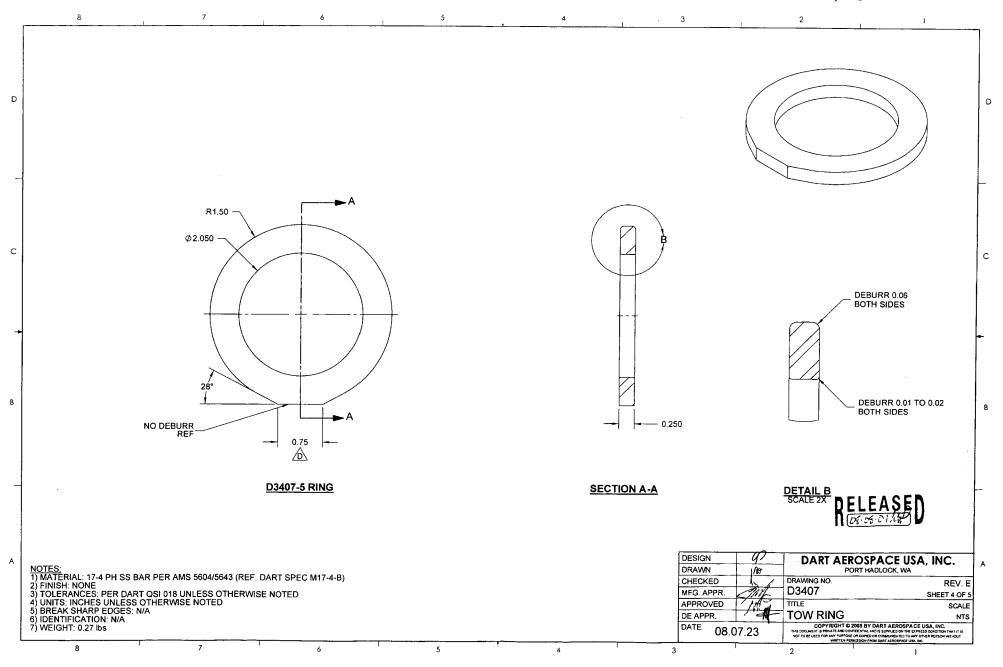
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DATE	STEP Desc	Description of NC	Corrective Action Section			Sign & Verifica			Approval	Approval
DATE		Section A	Initial Chief Eng	Action Description Chief Eng		gn & Date	Section C		Chief Eng	QC Inspector
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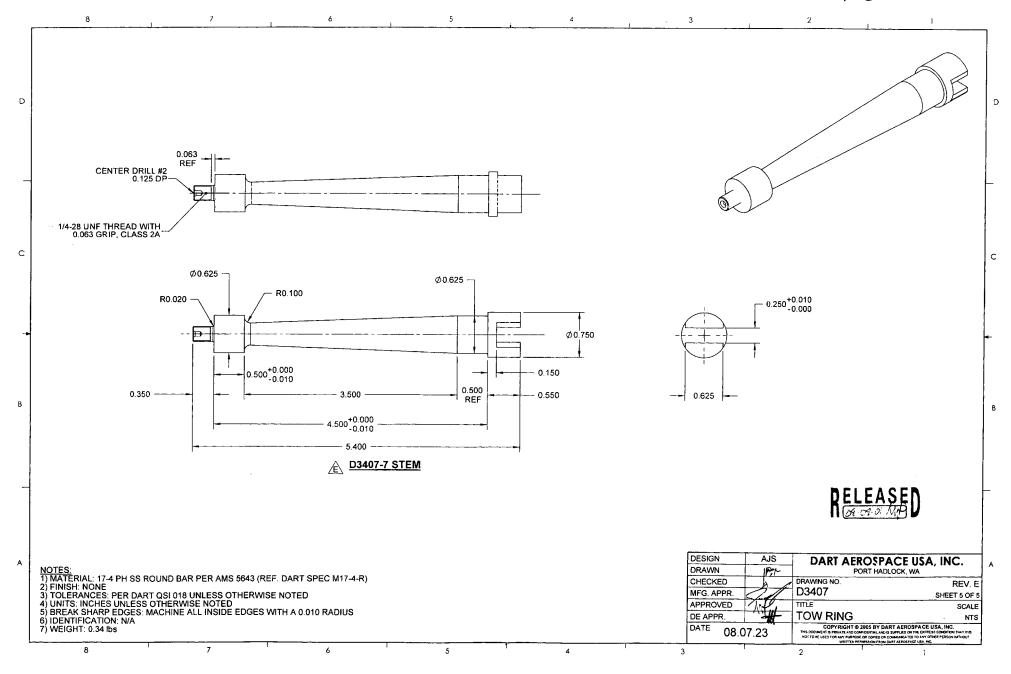


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W/O:		-	WC	RK ORDER CHANG	ES				
DATE	STEP	PRO	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	on B Sign 8 Date		cation ion C	Approval Chief Eng	Approval QC Inspector
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Resolution:			Dispositio	QA: N/C Closed: Date:						
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng			tion C	Chief Eng	QC Inspector	
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DATE	STEP	Description of NC	Initial	Corrective Action Section Action Description	on B Sign		cation	Approval	Approval
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